

Network Video Recorder NVR808-IX-G Series



Features

- Support Ultra H.265/H.265/H.264 video formats
- Support 32/64-channel input
- Support 3-ch HDMI, 1-ch VGA, HDMI1 and VGA simultaneous output, HDMI1 /VGA and HDMI2 and HDMI3 independent output.
- Support up to 4K resolution recording
- Support ANR technology to enhance the storage reliability when the network is disconnected
- Support SeekFree: up to 16-ch with 3rd party and UNV normal IPC, up to all channels with UNV SIP/UMD/etc. Smart IPC
- Support external USB keyboards
- Support SIP, UMD, Video Metadata, analysis, Plate Comparison, People Counting, Face Detection and face detection by NVR
- Support cloud upgrade

Specifications

Model	NVR808-32-IX-G	NVR808-64-IX-G
Decoding		
Decoding Format		Ultra 265, H.265, H.264
Decoding Capability		Smart Off: H265: 6 x 4K@30, 8 x 6MP@30, 10 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 25 x 1080P@30, 32 x 720P@30, 64 x D1@30 H264: 6 x 4K@30, 8 x 6MP@30, 10 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 25 x 1080P@30, 32 x 720P@30, 64 x D1@30 Smart On: When Smart by NVR on, the decoding capacity is same as Smart off.
Decoding Capability Description		The resolution of each channel cannot exceed 4096 pixels in length or width For VGA/HDMI independent output, the VGA live video is output by default. To output the highest resolution video from the HDMI port, please clear the VGA video on the preview page.
Audio Compression		G.711A, G.711U
Network		
Incoming Bandwidth		512 Mbps
Outgoing Bandwidth		512 Mbps
Max Users Can Be Added		128
Max Remote Users		128
Protocols		TCP/IP P2P SMTP RTSP UPnP NTP DHCP PPPoE HTTP DNS DDNS IPv6 IPv4 HTTPS SNMP
Browser (Plugin)		IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+
Browser (Plugin-Free)		Chrome 57+, Edge 16+, Firefox 58+, Safari 11+
Video/Audio Input		
IP Video Input		64-ch
BNC Audio Input		N/A
RCA Audio Input		1-ch
3.5mm Audio Input		N/A
Peripheral Input		
Ip Speaker		16-ch
POS		All channels
Video/Audio Output		
Video Output		Support 3-ch HDMI, 1-ch VGA, HDMI1 and VGA simultaneous output, HDMI1 /VGA and HDMI2 and HDMI3 independent output.

HDMI Output		4K (3840 × 2160)/60 Hz, 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1280 × 720/60 Hz
VGA Output		1920 × 1080/60 Hz, 1280 × 720/60 Hz
HDMI Standard		HDMI1.4
BNC Audio Output		N/A
RCA Audio Output		3-ch
Liveview Display		HDMI1 and VGA: 1/4/6/8/9/16/25/36/64 HDMI2: 1/4/6/8/9/16/25/36 HDMI3: 1/4/6/8/9/16/25/36
Default Num of Live Screen		HDMI1 and VGA: 64; HDMI2: 36; HDMI3: 36
Corridor Mode Screen		3/4/5/7/9/10/12/16/32
3.5mm Audio Output		N/A
Playback Screen		1/4/9/16
Corridor Mode Screen of Playback		1/3
Two-way Audio		
Two-way Audio		1-ch, RCA (Using the audio input and output)
Recording		
Recording Resolution		32 MP/16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF
Num of Concurrent Playback		32-ch
Synchronous Playback in Local		16-ch
Smart Function		
Smart by IPC		All channels (up to 16 images/s in total) Face Detection, Face Comparison, Vehicle Detection (LPR), Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring, People Counting
Smart by NVR		Face Detection Face Comparison Smart Intrusion Prevention (SIP) Video Metadata Plate Comparison Illegally Parked Motor Vehicle Ultra Motion Detection (UMD) People Counting (People Flow Counting, Crowd Density Monitoring) Behavior Analysis Elevator Entrance Detection Evacuation Route Obstruction
Smart by NVR Analyzer Mode		Mixed Mode (SIP+Behavior Analysis+People Counting) Mixed Mode (Face Recognition+Mixed-Traffic Detection+AcuSearch/AcuTrack) Modes cannot active simultaneously, only one mode can active at a time.
VCA Search		AcuSearch AcuTrack Face Snapshot

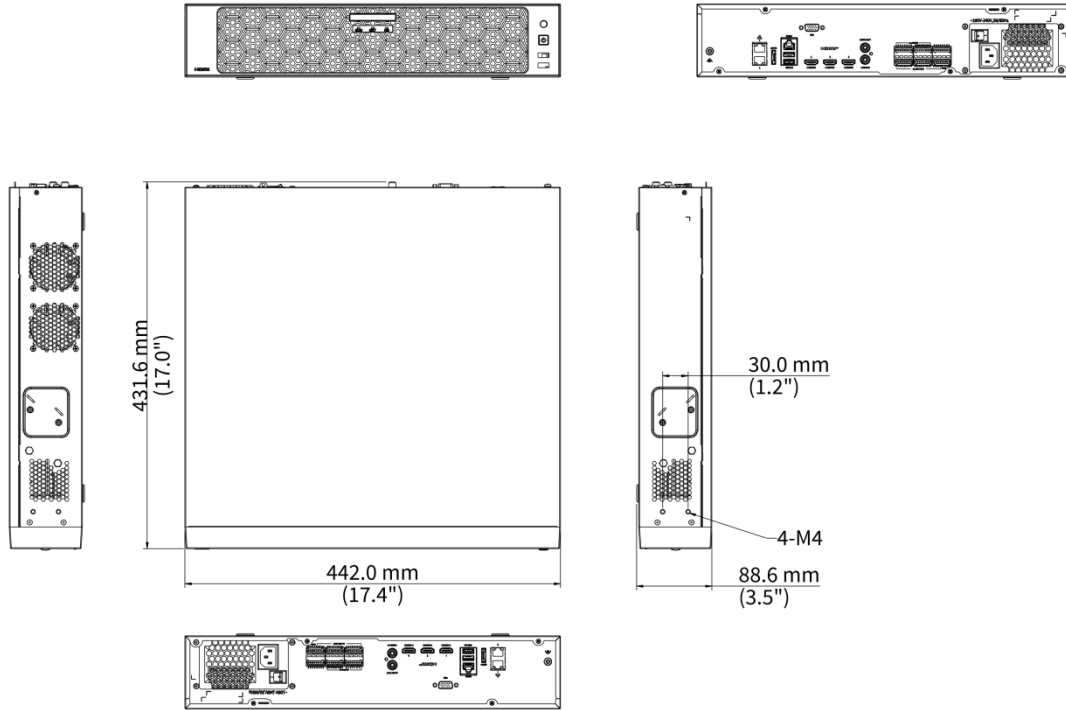
		Search Face Comparison Search Motor Vehicle Search Non-Motor Vehicle Search Human Body Search General Search People Counting Report Behavior Search SmartSearch+ Heat Map
AcuSearch		
Acu Search Performance		All channels with UNV SIP/UMD Camera Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
AcuTrack		
Acu Track Performance		All channels with UNV SIP/UMD Camera Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
SeekFree		
SeekFree Performance		All channels with UNV SIP/UMD Camera Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
SeekFree Language		English
face detection		
face detection by NVR		Up to 32-ch with UNV Face Detection Camera Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
Search by Image		Support
SIP		
SIP by NVR with normal cameras		Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
UMD		
UMD by NVR with normal cameras		N/A
analysis		
analysis with normal cameras		Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
analysis Type		No Helmet Detection No Chef Hat Detection No Work Clothes Detection Smoking Detection Smoke and Fire Detection Calling Detection No Mask Detection Rat Detection Long Stay Detection Fall Detection Fight Detection Absence Detection Quick Moving People Dispersion People Gathering Using Mobile

		Phone Detection No Reflective Clothing Detection Sleep on Duty Detection Climbing Detection Knife/Stick in Hand Detection
Video Metadata		
Video Metadata by NVR with normal cameras		Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
Video Metadata Type		Motor Vehicle: Vehicle Type, Vehicle Color, Vehicle Brand, Direction, Plate Type, Plate Color Human Body: Gender, Age, Mask, Hairstyle, Bag Style, Direction, Upper Garment Length, Lower Garment Length, Upper Garment Color, Lower Garment Color Non-Motor Vehicle: Non-Motor Vehicle Type, Direction, Gender, Age, Upper Garment Length, Upper Garment Color
Plate Comparison		
Vehicle Number Library		Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
Capacity of Smart Snapshots		
Capacity of Snapshot Records		2 millions records for SIP 2 millions records for vehicle snapshot 3 millions records for face snapshot
Alarm		
General Alarm		Defocus Detection Scene Change Detection Object Left Behind Object Removed Auto Tracking Motion Detection Tampering Human Body Detection Video Loss Audio Detection Alarm Input
Alert Alarm		IP Conflict Network Disconnected Disk Offline Disk Abnormal Illegal Access Hard Disk Space Low Hard Disk Full Recording/Snapshot Abnormal High CPU Temperature High Motherboard Temperature Array Damaged Array Degraded
Hard Disk		
SATA		8 SATA Interfaces
Capacity		Up to 24 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size, The environment temperature for use should not exceed 40°C.)
Disk Group		Support

Redundant Storage		Support
Disk Array Type		RAID 0, 1, 5, 6, 10
External Interface		
Network Interface		2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface
Network Working Mode		Multi-access, load balance, network fault-tolerance
USB		Front panel: 2 × USB2.0 Rear panel: 2 × USB3.0
RS485		1
RS232		1
Alarm In		16-ch
Alarm Out		10-ch
eSATA		1
miniSAS HD		N/A
miniSAS		N/A
Power Output		12 V
Extension Board		1
Buzzer		Support
Power Supply		AC 220 V
Power Switch		Support
Redundant Power Supply		N/A
PoE		
PoE Interface		N/A
Max Power		N/A
Supported Standard		N/A
Working Environment		
Working Temperature		-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity		≤ 90% RH (non-condensing)
Power Consumption (without HDD)		≤50W
Heat Dissipation		Fan Radiator
GUI Language		
GUI Language		38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian
Certification		
Certification		CE; FCC; UL; RoHS; WEEE

CE		EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130
FCC		Part15 Subpart B
Feature Supported		
Cruise Lines Num of Each Camera		4
Preset Num		32
N+1 Hot Spare		Support
Fisheye Dewarping by IPC		Support
ANR		Support
Dual-lens Cameras		Support
Downlink ONVIF		Support (Profile S)
Box-Dome Linkage		Support
Uplink ONVIF		N/A
Video Image Database (Uplink)		Support
UCS (Web socket)		Support
NAS		Support
Ucode Basic Mode		Support
Ucode Advanced Mode		Support
Output Mode		N/A
Compliance		
NDAA Compliant		Support

Dimensions



Unlimited New View

Zhejiang Uniview Technologies Co., Ltd.



<http://www.uniview.com>



overseasbusiness@uniview.com; globalsupport@uniview.com



No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China



©2023-2025 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

*Product specifications and availability are subject to change without notice.

Despite our best efforts, technical or typographical errors may exist in this document. Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.